REMARKS:

By this amendment claims 7 and 16 have been cancelled and claims 1, 5, 8, 13, 17 and 18 have been amended. No new claims have been added. Favorable consideration of claims 1-5, 8-13, 17 and 18, now pending in the application, is requested.

It is presumed that claims presented in the response mailed September 26, 2000, which were incorrectly numbered 14-15 , have been renumbered as claims 16-18. This error on the part of applicant is regretted and the correction is appreciated.

Claim rejections under 35 US 103.

Claims 1-3 and 5 have been rejected as assertedly unpatentable over US Patent 6,002,443 (Iggulden) in view of US Patent 5,191,423 (Yoshida). However, Yoshida's disclosure does not extend beyond presenting a user with a list of names of broadcasting stations based solely on user input of an initial letter of a broadcasting station (col. 1, line 55 to col. 2, line 6). Moreover, Yoshida teaches that when a list of channel names having a particular initial letter is displayed, user operation of a "CH" key is required to move a cursor from the first displayed name to the next, and so on until a desired channel is selected. When 5 seconds have passed without the "CH" key being pressed for channel up, the channel is fixed, and the operation is completed.

Consequently, Yoshida does not disclose or suggest:

> *said monitor and said alphanumeric keypad providing a user a visual listing networks by depicting on said monitor successive lists of network names, each list containing network names including an initial sequence of characters matching the sequence of characters as they are being entered by the user, until the user enters a select input to select a particular network*

as recited in the context of claim 1. Iggulden does not include pertinent disclosure in this regard. Consequently, claim 1 is believed to be allowable over Iggulden and Yoshida.

Claim 5 is further differentiated in a non-obvious manner from Yoshida who teaches a remote control in which groups of three alpha characters are assigned to an individual

key, so that a key may need to be operated "continually" to display a desired alpha character (col. 3, lines 20-27).

Claims 2-4 are believed allowable together with claim 1.

Claims 8-13, 17 and 18 have been rejected as assertedly unpatentable over Iggulden and Yoshida, and further in view of US Patent 5,675,390 (Schindler) and in view of US Patent 5,963,269 (Beery). Applicant again respectfully traverses this ground of rejection as being based on selective aggregation of individual features from four disparate references, the only apparent motivation for such aggregation being provided by applicant's claimed invention. It is noted that the Examiner has asserted hypothetical reasons for selecting an individual feature of one reference and an individual feature from another, but no showing of motivation for such selection based on the references has been substantiated. This is improper attempt hindsight reconstruction relying on applicant's claims to supply the missing motivation.

Beyond this ground of traversal, Yoshida does not disclose or suggest:

> *actuating a first alphanumeric key on said keyboard; determining whether said first alphanumeric key designates a character which is a first character in one or more predetermined network station names; displaying the or each said network station name containing a said matching first character on said monitor; and then in response to each successive user selection of an alphanumeric key, determining whether the character represented by the selected alphanumeric key designates a correspondingly positioned character in one or more of said displayed network station names and displaying the or each network station name containing the same succession of user selected characters until user selection of a displayed network station name causes tuning to that network station*

as is recited in claim 8. Nor do any of the other cited references disclose or suggest these recited features, so that claim 8 is allowable over the cited references. Claims 9-12 are allowable together with claim 8.

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Claim 13 includes recitation of:

> *actuating a first alphanumeric key on said keyboard* [said keyboard including keys to which alphanumeric characters are individually assigned]; *determining whether said first alphanumeric key is a first character in a sequence of characters of at least one predetermined network station name; displaying said at least one network station name on said monitor; and then in response to each successive selection by a user of an alphanumeric key designating a corresponding character in the sequence of characters of said displayed network station names, displaying the or each network station name containing the same sequence of user selected characters until one network station name is user selected from among said at least one network station name displayed on said monitor; and said PCTV computer system tuning to a channel associated with said network station in response to said user selection*

which features are not disclosed or suggested by Yoshida or any of the other references relied on. Consequently, claim 13 is believed to be allowable over the cited references.

Regarding the rejection of claims 17 and 18, issue is respectfully taken with the contention that a "keyboard" is a pointing device. A more proper exemplification of a pointing device would be a "mouse" (as exemplified in applicant's specification at page 16, line 22 to page 17, line 1. Consequently, claims 17 and 18 are additionally differentiated from the cited references.

In amending the claims, recitation now has been made of "key actuations" in claim 1 (with similar changes in other claims) to make it clear that the claims include within their scope implementations of keyboards actuated other than by manual pressing of keys, e.g. screen display keyboards actuated, for example, by contact or by operation of a pointing device (e.g. a mouse).

CONCLUSION:

It is believed this amendment and response have addressed all grounds of rejection advanced in the outstanding Office Action. Favorable consideration and early allowance of all of the pending claims 1-5, 8-13, 17 and 18 is solicited and will be appreciated. If there are any remaining issues discussion of which would expedite further prosecution of the application, a telephone call to the undersigned attorney at 972-490-3695 will be appreciated.

Respectfully submitted,
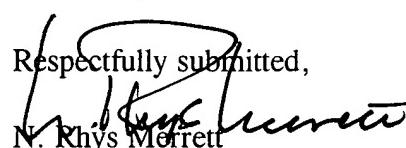
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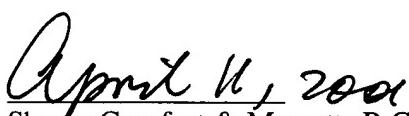
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VERSION WITH MARKINGS TO SHOW CHANGES MADE

1. (Amended Four Times)   A computer system emulating a television system comprising:

a computer converged with a television;

a monitor connected to said computer system; and

an alphanumeric keyboard for providing alphanumeric information to said computer system, said computer system being capable of interpreting <u>different</u> predetermined alphanumeric key <u>actuations</u> ~~presses~~ on said alphanumeric keyboard as ~~a~~ <u>respective</u> channel macr<u>os each</u> for selecting a predetermined network, <u>said channel macros being provided at least by said computer system,</u> the combination of said computer, said monitor and said alphanumeric keypad providing a user a visual listing of ~~a most probable~~ network<u>s</u> ~~being selected by a user~~ by depicting on said monitor <u>successive</u> ~~a~~ list<u>s</u> of ~~user-defined~~ network names<u>, each list containing network names including an initial sequence of characters matching the sequence of characters as they are</u> ~~which most closely match the text as it is~~ being entered by the user<u>,</u> ~~said channel macros being provided at least by said computer system~~<u>until the user enters a select input to select a particular network.</u>

2.   The computer system of claim 1, wherein said channel macro comprises alphanumeric characters that represent a network.

3.   The computer system of claim 1, wherein when said channel macro is implemented when said computer system is in a TV mode.

4.   The computer system of claim 1, wherein said channel macro is implemented when said computer system is in a computer mode and a video window is an active window.

5.   The computer system of claim 1, wherein said alphanumeric keyboard <u>comprises keys to which alphanumeric characters are individually assigned, and said keyboard</u> provides said alphanumeric information to said computer system in a wireless

fashion.

7.   The computer system converged with said television of claim 1, wherein said channel macro provides the user a best guess of potential networks based on the alphanumeric key presses as they are being made by the user and tunes said television to a user selected one of said best guess of potential networks.

8. (Amended Three Times)   In a PC/TV computer system having keyboard for providing alphanumeric characters to said PC/TV computer, a method of selecting a network station comprising the steps of:

storing by a manufacturer predetermined network station names;

placing said PC/TV in one of a TV mode and a Computer mode with an active video window;

pressing actuating a first alphanumeric key on said keyboard;

determining whether said first alphanumeric key designates a character which is a first character in one or more predetermined network station names;

displaying the or each said network station name containing a said matching first character on said monitor; and

then in response to each successive user selection of an alphanumeric key, determining whether the character represented by the selected alphanumeric key designates a correspondingly positioned character in one or more of said displayed network station names and displaying the or each network station name containing the same succession of user selected characters until user selection tuning to a network station corresponding to a user selected of a displayed network station name causes tuning to that network station.

9.   The method of claim 8, further comprising a step of downloading a program guide from a network provider, said program guide providing information that matches network stations with TV channels.

10. The method of claim 8, wherein the or each displayed network station name containing a matching first character is highlighted.

11. The method of claim 8, wherein said step of displaying is performed by providing an active window on a screen of a viewing monitor.

12. The method of claim 8, wherein the step of displaying is performed by providing a channel banner on a screen of a viewing monitor.

13. (Amended Four Times)   In a PC/TV computer system having keyboard f~~i~~ providing alphanumeric characters to said PC/TV computer and a viewing monitor, said keyboard including keys to which alphanumeric characters are individually assigned, a method of selecting a channel comprising the steps of:

providing a data base of network station names in said PC/TV computer system prior to providing said PC/TV computer system to a buyer:

placing said PC/TV in one of a TV mode and a computer mode with an active video window;

~~pressing~~ actuating a first alphanumeric key on said keyboard;

determining whether said first alphanumeric key is a first character in a sequence of characters of at least one predetermined network station name;

displaying said at least one network station name on said monitor; and

then in response to each successive selection by a user of an alphanumeric key designating a corresponding character in the sequence of characters of said displayed network station names, displaying the or each network station name containing the same sequence of user selected characters until

~~user selecting~~ one network station name is user selected from among said at least one network station name displayed on said monitor; and

said PCTV computer system tuning to a channel associated with said network station in response to said user selection.

~~16.   In a PC/TV computer system having keyboard for providing alphanumeric~~

characters to said PC/TV computer and a viewing monitor, a method of selecting a channel comprising the steps of:

~~providing a data base of network station names in said PC/TV computer system prior to providing said PC/TV computer system to a buyer;~~

~~placing said PC/TV in one of a TV mode and a computer mode with an active video window;~~

~~in sequence, user actuation of one or more alphanumeric keys on said keyboard to enter one or more text letters and determining whether the or each entered text letter matches a letter in the corresponding sequence in one or more of said predetermined network station names;~~

~~displaying on said monitor each network station name including said matched letters as said letters are being entered by a user;~~

~~and then tuning a network stations corresponding to one of said displayed station names in response to user selection of that displayed station name.~~

17.   The method of claim 13~~16~~, wherein said user selection of a displayed station name is effected by actuation of a key on said keyboard.

18. The method of claim 13~~16~~, wherein said user selection of a displayed station name is effected by user operation of a pointing device.